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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A23J1/16 A23K A23K1/16 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 A23J A23K Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, WPI Data, BIOSIS, FSTA C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages 1,5,6,9 EP 0 041 894 A (ROQUETTE FRERES) Α 16 December 1981 (1981-12-16) page 6, line 25 -page 7, line 8; claims; examples; table 2 1,5 PATENT ABSTRACTS OF JAPAN Α vol. 1998, no. 08, 30 June 1998 (1998-06-30) & JP 10 075795 A (OJI KOONSUTAAC KK), 24 March 1998 (1998-03-24) abstract Patent family members are listed in annex. Further documents are listed in the continuation of box C. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-O document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled in the art. *P* document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 04/04/2002 15 March 2002 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl. Fax: (+31–70) 340–3016 Grittern, A

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INTERNATIONAL SEARCH REPORT

nternational Application No PCT/IB 01/01822

C (C=+:=	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	101/18 01/01822						
	Category Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.							
- Lategory								
A	DATABASE WPI Section Ch, Week 200048 Derwent Publications Ltd., London, GB; Class D13, AN 2000-526587 XP002193269 & JP 11 266846 A (MORINAGA & CO LTD), 5 October 1999 (1999-10-05) abstract	1,5						
Α	GB 740 205 A (CORN PROD REFINING CO) 9 November 1955 (1955-11-09) the whole document	1						

INTERNATIONAL SEARCH REPORT

Information on patent family members

nternational Application No
PCT/IB 01/01822

Patent document cited in search report		Publication date	Patent family member(s)		Publication date	
EP 0041894	A	16-12-1981	FR AT DE DK EP	2483749 A1 6189 T 3162259 D1 244481 A ,B, 0041894 A1	11-12-1981 15-03-1984 22-03-1984 07-12-1981 16-12-1981	
JP 10075795	Α	24-03-1998	NONE			
JP 11266846	Α	05-10-1999	NONE			
GB 740205	Α	09-11-1955	NONE			